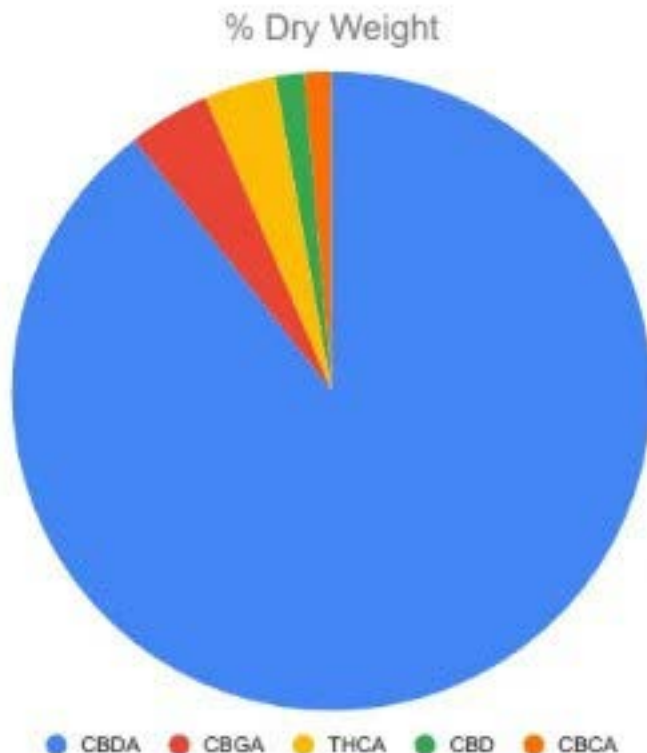


Metric Batch ID: N/A	License #: N/A	Testing Performed: PO PE MI	Harvest Date: N/A
Date Received: 10/17/2023	Comments and Descriptions:		

Cannabinoid Analysis			
Date: 10/25/2023	Batch: PO231017df	Analyst(s): JT, JT	Method: SOP 041
Analyte	% Dry Weight	LOQ (%)	Notes
CBDA	14.692	0.078	
CBD	0.238	0.078	
THC	<LOQ	0.078	
THCA	0.597	0.078	
CBDV	<LOQ	0.078	
CBGA	0.679	0.078	
CBG	<LOQ	0.078	
THCV	<LOQ	0.078	
CBN	<LOQ	0.078	
$\Delta 8$ -THC	<LOQ	0.078	
$\Delta 10$ -THC	<LOQ	0.078	
CBC	<LOQ	0.078	
CBCA	0.229	0.078	
Total CBD	13.123	(CBDA*0.877)+CBD= Total CBD	
Total THC	0.524	(THCA*0.877)+THC= Total THC	
Total Minors	0.909	SUM% of Minor Cannabinoids	
Total Cannabinoids	16.436	Sum % Cannabinoids = Total Cannabinoids	



Moisture Content - Not Tested		Water Activity - Not Tested	
Date: NT		Date: NT	
Analyst: NT	Method: SOP 047	Analyst: NT	Method: SOP 043
Moisture Content (%): Not Tested		Water Activity (aw): No Test	

LOQ - Limit of Quantitation, ND - Not Detected, NT - Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and $\Delta 8$ -THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight. Oregon water activity action level is 0.65aw and moisture content action level is 15%. Shown values have been rounded to 3 decimal digits, whereas calculations are performed with all available digits. LOQ Values based on LOQ study available upon request. This report shall not be reproduced, unless in its entirety, without approval from Professional Testing Labs, Inc. Test results relate only to the sample material analyzed. Results valid for 1 year after test date.


Professional Testing Labs, Inc

4918 Crater Lake Ave.

Medford, OR 97504

(541) 816-4166

OLCC# 10156338460

Certificate of Analysis
Not for OLCC/OHA regulatory compliance

For informational purposes only

Report Number: _231026

Report Date: 10/26/2023

Cannabinoid Analysis - Blank (231017rdbc_BMX) - Pass

Date: 10/25/2023		Batch: PO231017rdbc		Prep Analyst: JT	Date Analyst: JT	SOP: 041
Analyte	% Dry Weight	LOQ (%)	Recovery Limits	Notes		
CBDA	<LOQ	0.05	<LOQ			
CBD	<LOQ	0.05	<LOQ			
THC	<LOQ	0.05	<LOQ			
THCA	<LOQ	0.05	<LOQ			
Δ8 THC	<LOQ	0.05	<LOQ			

Cannabinoid Analysis - LCS (231017rdbc_LCS) - Pass

Date: 10/25/2023		Batch: PO231017rdbc		Prep Analyst: JT	Date Analyst: JT	SOP: 041
Analyte	% Recovery	LOQ (%)	Recovery Limits	Notes		
CBDA	108.721	0.05	90-110%			
CBD	109.009	0.05	90-110%			
THC	109.367	0.05	90-110%			
THCA	108.374	0.05	90-110%			
Δ8 THC	109.082	0.05	90-110%			

LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight.

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Certificate of Analysis

For OLCC/OHA regulatory compliance

Report Number: _231026

Report Date: 10/26/2023

Pesticide Analysis - (231017rdb_3) - Pass

Date: 12/30/1899		Batch: PF231017rdb		Prep Analyst: JT		Data Analyst: AE		SOP: 049
Analyte	Result (ppm)	Action Level	LOQ (ppm)	Analyte	Result (ppm)	Action Level	LOQ (ppm)	
Abamectin	<LOQ	0.5	0.25	Imazalil	<LOQ	0.2	0.1	
Acephate	<LOQ	0.4	0.2	Imidacloprid	<LOQ	0.4	0.2	
Acequinocyl	<LOQ	2.0	1.0	Kresoxim-Methyl	<LOQ	0.4	0.2	
Acetamiprid	<LOQ	0.2	0.1	MGK-264	<LOQ	0.2	0.1	
Aldicarb	<LOQ	0.4	0.2	Malathion	<LOQ	0.2	0.1	
Azoxystrobin	<LOQ	0.2	0.1	Metalaxyl	<LOQ	0.2	0.1	
Bifenazate	<LOQ	0.2	0.1	Methiocarb	<LOQ	0.4	0.2	
Bifenthrin	<LOQ	0.2	0.1	Methomyl	<LOQ	0.2	0.1	
Boscalid	<LOQ	0.4	0.2	Methyl Parathion	<LOQ	0.2	0.1	
Carbaryl	<LOQ	0.2	0.1	Myclobutanil	<LOQ	0.2	0.1	
Carbofuran	<LOQ	0.2	0.1	Naled	<LOQ	0.5	0.25	
Chlorantraniliprole	<LOQ	0.2	0.1	Oxamyl	<LOQ	1.0	0.5	
Chlorfenapyr	<LOQ	1.0	0.5	Paclobutrazol	<LOQ	0.4	0.2	
Chlorpyrifos	<LOQ	0.2	0.1	Permethrins ¹	<LOQ	0.2	0.1	
Clofentezine	<LOQ	0.2	0.1	Phosmet	<LOQ	0.2	0.1	
Cyfluthrin	<LOQ	1.0	0.5	Piperonyl Butoxide	<LOQ	2.0	1.0	
Cypermethrin	<LOQ	1.0	0.5	Prallethrin	<LOQ	0.2	0.1	
Daminozide	<LOQ	1.0	0.5	Propiconazole	<LOQ	0.4	0.2	
Diazinon	<LOQ	0.2	0.1	Propoxur	<LOQ	0.2	0.1	
Dichlorvos	<LOQ	1.0	0.5	Pyrethrins ²	<LOQ	1.0	0.5	
Dimethoate	<LOQ	0.2	0.1	Pyridaben	<LOQ	0.2	0.1	
Ethoprophos	<LOQ	0.2	0.1	Spinosad ³	<LOQ	0.2	0.1	
Etofenprox	<LOQ	0.4	0.2	Spiromesifen	<LOQ	0.2	0.1	
Etoxazole	<LOQ	0.2	0.1	Spirotetramat	<LOQ	0.2	0.1	
Fenoxycarb	<LOQ	0.2	0.1	Spiroxamine	<LOQ	0.4	0.2	
Fenpyroximate	<LOQ	0.4	0.2	Tebuconazole	<LOQ	0.4	0.2	
Fipronil	<LOQ	0.4	0.2	Thiacloprid	<LOQ	0.2	0.1	
Fonicamid	<LOQ	1.0	0.5	Thiamethoxam	<LOQ	0.2	0.1	
Fludioxonil	<LOQ	0.4	0.2	Trifloxystrobin	<LOQ	0.2	0.1	
Hexythiazox	<LOQ	1.0	0.5					

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.² Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jasmolin 1.³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.


Professional Testing Labs, Inc

1918 Crater Lake Ave.

4edford, OR 97504

541) 816-4166

DLCC# 10156338460

Certificate of Analysis

For OLCC/OHA regulatory compliance

Report Number: _231026

Report Date: 10/26/2023

Pesticide Analysis - Quality Controls
Blank (231017rdbc_MBX) and LCS (231017rdbc_LCS)- Pass

Date: 12/30/1899		Batch: PE231017rdbc			Prep Analyst: JT		Data Analyst: AE			SOP: 049
Analyte	Blank (ppm)	LCS % Recovery	Recovery Limits (%)	LOQ (ppm)	Analyte	Blank (ppm)	LCS % Recovery	Recovery Limits (%)	LOQ (ppm)	
Abamectin	<LOQ	78.1	50-150	0.25	Imazalil	<LOQ	71.95	60-120	0.1	
Acephate	<LOQ	108.15	60-120	0.2	Imidacloprid	<LOQ	70.5	60-120	0.2	
Acequinocyl	<LOQ	106.3	40-160	1.0	Kresoxim-methyl	<LOQ	71.5	60-120	0.2	
Acetamiprid	<LOQ	70.35	60-120	0.1	MGK-264	<LOQ	105.65	50-150	0.1	
Aldicarb	<LOQ	104.65	60-120	0.2	Malathion	<LOQ	107.7	60-120	0.1	
Azoxystrobin	<LOQ	65.3	60-120	0.1	Metaxalyl	<LOQ	71.0	60-120	0.1	
Bifenazate	<LOQ	72.5	60-120	0.1	Methiocarb	<LOQ	71.2	60-120	0.2	
Bifenthrin	<LOQ	67.85	50-150	0.1	Methomyl	<LOQ	68.1	60-120	0.1	
Boscalid	<LOQ	61.95	60-120	0.2	Methyl Parathion	<LOQ	79.0	50-150	0.1	
Carbaryl	<LOQ	68.25	60-120	0.1	Myclobutanil	<LOQ	61.45	60-120	0.1	
Carbofuran	<LOQ	61.15	60-120	0.1	Naled	<LOQ	62.0	50-150	0.25	
Chlorantraniliprole	<LOQ	68.8	60-120	0.1	Oxamyl	<LOQ	73.25	60-120	0.5	
Chlorfenapyr	<LOQ	65.45	60-120	0.1	Paclobutrazol	<LOQ	79.7	60-120	0.2	
Chlorpyrifos	<LOQ	115.65	60-120	0.5	Permethrins ¹	<LOQ	70.8	50-150	0.1	
Clofentezine	<LOQ	70.0	60-120	0.1	Phosmet	<LOQ	80.8	50-150	0.1	
Cyfluthrin	<LOQ	65.95	50-150	0.5	Piperonyl butoxide	<LOQ	66.35	60-120	1.0	
Cypermethrin	<LOQ	75.05	50-150	0.5	Prallethrin	<LOQ	81.6	60-120	0.1	
Daminozide	<LOQ	92.4	60-120	0.5	Propiconazole	<LOQ	74.15	60-120	0.2	
Diazinon	<LOQ	80.55	60-120	0.5	Propoxur	<LOQ	63.95	60-120	0.1	
Dichlorvos	<LOQ	70.25	60-120	0.1	Pyrethrins ²	<LOQ	65.667	60-120	0.5	
Dimethoate	<LOQ	93.4	60-120	0.1	Pyridaben	<LOQ	59.85	50-150	0.1	
Ethoprophos	<LOQ	86.4	60-120	0.1	Spinosad ³	<LOQ	56.35	50-150	0.1	
Etofenprox	<LOQ	117.2	50-150	0.2	Spiromesifen	<LOQ	100.2	60-120	0.1	
Etoxazole	<LOQ	62.9	60-120	0.1	Spirotetramat	<LOQ	68.2	60-120	0.1	
Fenoxycarb	<LOQ	63.25	60-120	0.1	Spiroxamine	<LOQ	68.3	60-120	0.2	
Fenpyroximate	<LOQ	65.7	60-120	0.2	Tebuconazole	<LOQ	67.0	60-120	0.2	
Fipronil	<LOQ	102.15	60-120	0.2	Thiacloprid	<LOQ	67.6	60-120	0.1	
Flonicamid	<LOQ	62.1	60-120	0.5	Thiamethoxam	<LOQ	72.55	60-120	0.1	
Fludioxonil	<LOQ	74.65	50-150	0.2	Trifloxystrobin	<LOQ	72.05	60-120	0.1	
Hexythiazox	<LOQ	70.2	60-120	0.5						

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.

² Pyrethrins are measured as the cumulative residues of pyrethrin I, cinerin I, and jasmolin I.

³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.


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OLCC# 10156338460

Certificate of Analysis

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Report Number: _231026

Report Date: 10/26/2023

Heavy Metal Analysis - (231017rdb_3) - NT

Date: 231017rdb		Batch: HM		Prep Analyst:	Data Analyst:	SOP: 063
Analyte	Result (ppb)	LOQ (ppb)	Action Level (ppb)	Notes		
Arsenic	NT	100	200			
Cadmium	NT	100	200			
Lead	NT	250	500			
Mercury	NT	50	100			

Heavy Metal Analysis - Blank (231017rdbc_BMX) - NT

Analyte	Result (ppb)	LOQ (ppb)	Recovery Limit	Notes	
Arsenic	NT	100	<LOQ		
Cadmium	NT	100	<LOQ		
Lead	NT	250	<LOQ		
Mercury	NT	50	<LOQ		

Heavy Metal Analysis - LCS (231017rdbc_LCS) - NT

Analyte	Recovery (%)	Recovery Limits	Notes	
Arsenic	NT	80-115%		
Cadmium	NT	80-115%		
Lead	NT	80-115%		
Mercury	NT	80-115%		

Microbe Analysis - (231017rdb_3) - Pass

Date: 10/19/2023		Batch: MCB231016abc_GRA WWF JF 231017		Prep Analyst: AM	Data Analyst: AM	SOP: 059
Analyte	Result	Notes				
Aspergillus	Not Detected					
Salmonella	Not Detected					
E. Coli	Not Detected					

Microbe - Controls (231017rdbc_PC,231017rdbc_NC) - Pass

Analyte	Pos. Control	Neg. Control	Notes	
Aspergillus	Detected	Not Detected		
SalTEC	Detected	Not Detected		

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Aspergillus tests are a cumulative test for *A. flavus*, *A. fumigatus*, *A. niger*, and *A. terreus* species. Only Shiga toxin-producing E. Coli are tested for. SalTEC microbe controls test for Salmonella and Shiga toxin-producing E. Coli.

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